

Name _____

Algebra 1 Mastery Levels and Grading Chart										
Algebra *: Power Standard	Level 1	Level 2	Level 3	Level 4	Functions	Level 1	Level 2	Level 3	Level 4	
I can interpret parts of an expression, such as terms, factors, and coefficients. (A.SSE.1a*) I can interpret complicated expressions by viewing one or more of their parts as a single entity. (A.SSE.1b*)					I can understand that a function from one set to another set assigns to each element of the domain exactly one element of the range. (F.IF.1)					
I can use the structure of an expression to identify ways to rewrite it. (A.SSE.2)					I can, for a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. (IF.B.4*)					
I can create equations and inequalities in one variable and use them to solve problems. (A.CED.1*)					I can graph linear and quadratic functions and show intercepts, maxima, and minima. (F.IF.7a*)					
I can create equations in two or more variables to represent relationships between quantities and graph equations on coordinate axes with labels and scales. (A.CED.2*)					I can recognize situations in which one quantity changes at a constant rate per unit interval relative to another. (F.LE.1b*) I can recognize situations in which a quantity grows or decays by a constant percent rate per unit interval relative to another. (F.LE.1c*)					
I can represent constraints by equations or inequalities, by systems of equations and/or inequalities, and interpret solutions as viable or non-viable options in a modeling context. (A.CED.3*)					Numbers and Quantities					
Rearrange formulas to highlight a quantity of interest. (A.CED.4*)					I can use units as a way to understand problems and to guide the solution of multi-step problems. (N.Q.1)					
I can explain the steps to solve a simple equation. (A.REI.1*)					The Real Number System					
I can solve linear equations and inequalities in one variable, including equations with coefficients represented by letters. (A.REI.3*)					I can explain why the sum or product of two rational numbers is rational; that the sum of a rational number and an irrational number is irrational; and that the product of a nonzero rational number and an irrational number is irrational. (N.RN.3)					
I can use the method of completing the square to transform any quadratic equation in x into an equation of the form $(x - p)^2 = q$ that has the same solutions. (A.REI.4a)					Statistics and Probability					
I can solve systems of linear equations exactly and approximately (e.g., with graphs), focusing on pairs of linear equations in two variables. (REI.C.6)					I can interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data. (S.ID.7)					
I can understand that the graph of an equation in two variables is the set of all its solutions plotted in the coordinate plane, often forming a curve/line. (A.REI.10)					ALEKS					
I can graph the solutions to a linear inequality in two variables as a half-plane, and graph the solution set to a system of linear inequalities in two variables as the intersection of the corresponding half-planes. (A.REI.12)					HS Prep for Algebra 1, Algebra 1 Major Work, Algebra 1					
I can understand that polynomials form a system analogous to the integers. (A.APR.1)					EOC					

Level 1 = 1 pt., Level 2 = 2 pts., Level 3 = 3 pts., Level 4 = 4 pts. Grading Rubric points: A = (220-180 pts.), B = (179-140 pts.), C = (139-100 pts), D = (99-84pts.)